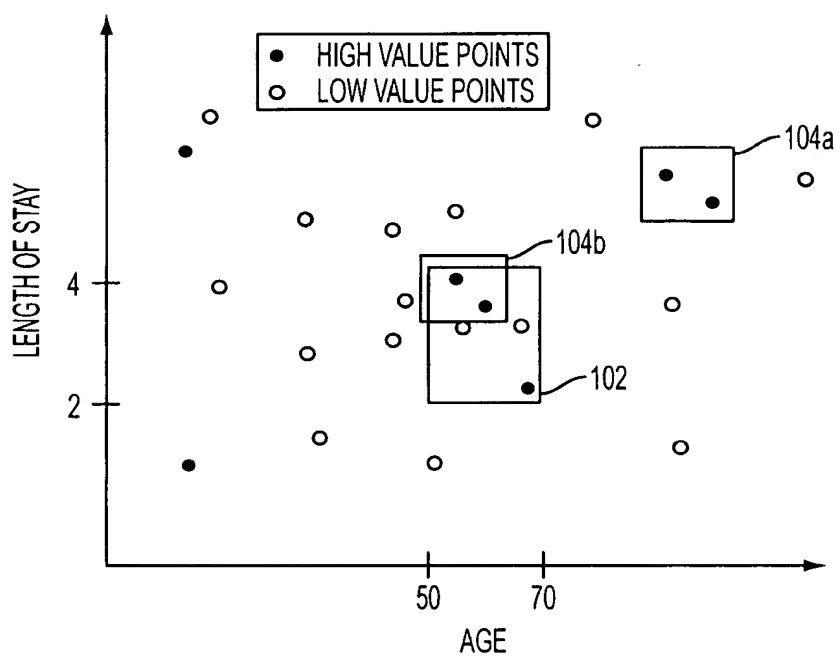




AMENDED SHEET



HYPER BOX DEFINED AS  $50 < \text{AGE} < 70$  AND  $2 \leq \text{STAY LENGTH} \leq 4$

**FIG. 1**  
PRIOR ART

# AMENDED SHEET

		DOCTOR ID				DOCTOR ID HISTOGRAM
		A	B	C	D	
EXPECTED COST		150	200	900	1000	

$$\text{EXPECTED COST} = \frac{\sum \text{COST}}{\text{\# OF INSTANCES OF THE DISCRETE ATTRIBUTE VALUE}}$$

INDEX	DOCTOR ID	AGE	LENGTH OF STORAGE	COST
	A	20	1	100
2	A	40	2	300
	B	16	1	100
4	B	60	3	1000
5	C	70	2	800
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
100	D	50	4	1500

RELATIONAL TABLE OF DATA

FIG. 2  
PRIOR ART

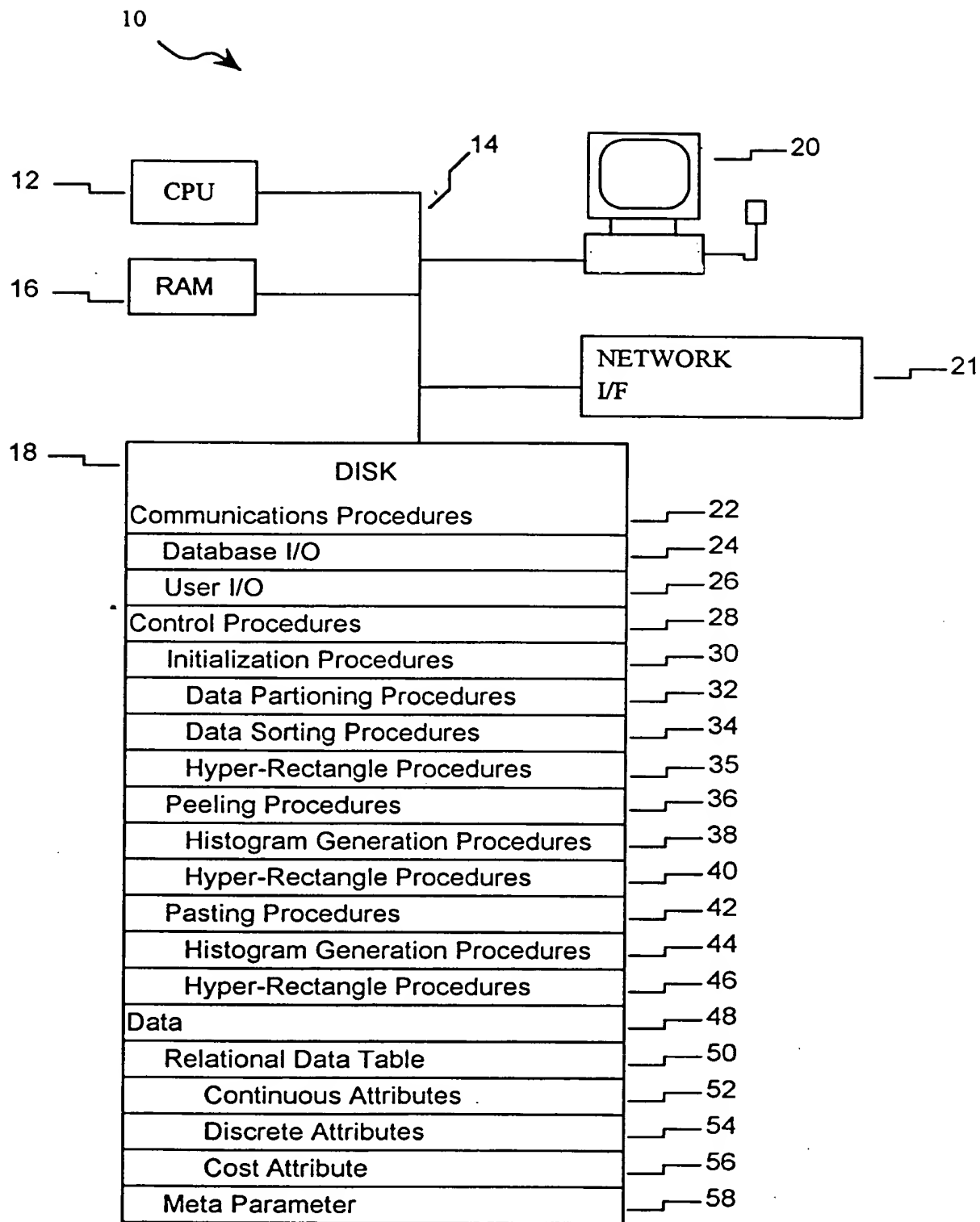


FIG. 3

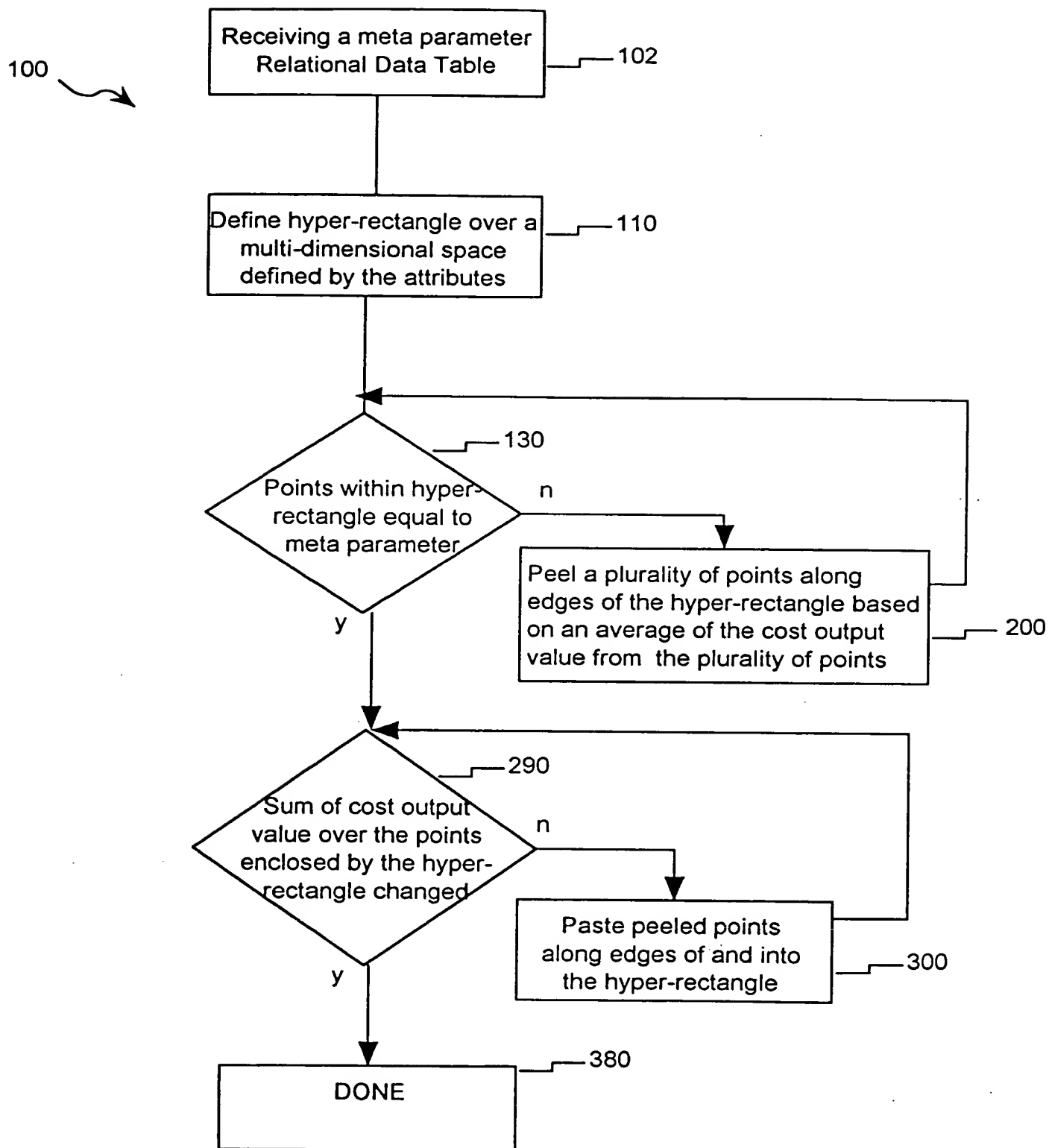


FIG. 4

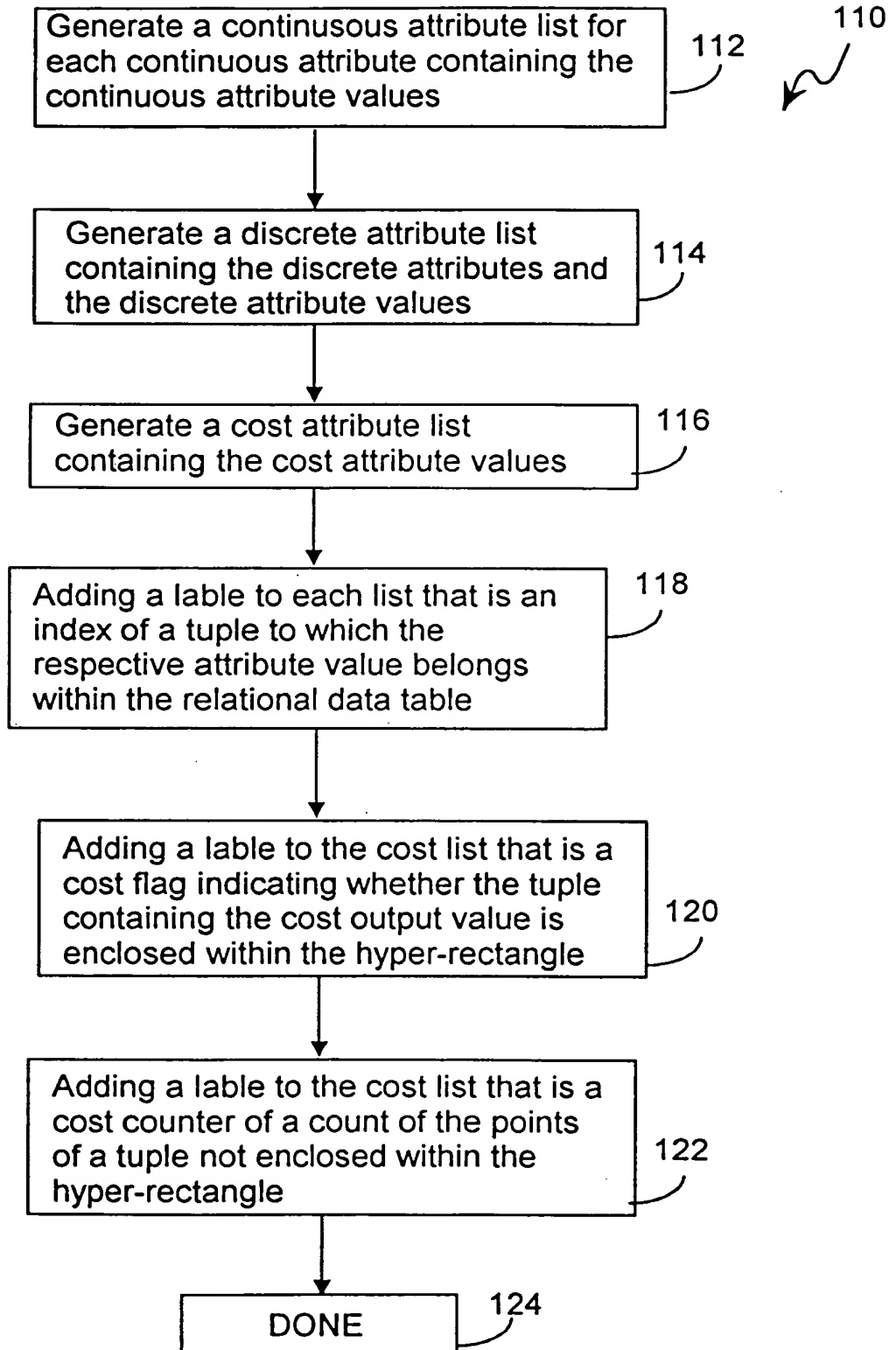


FIG. 5

200

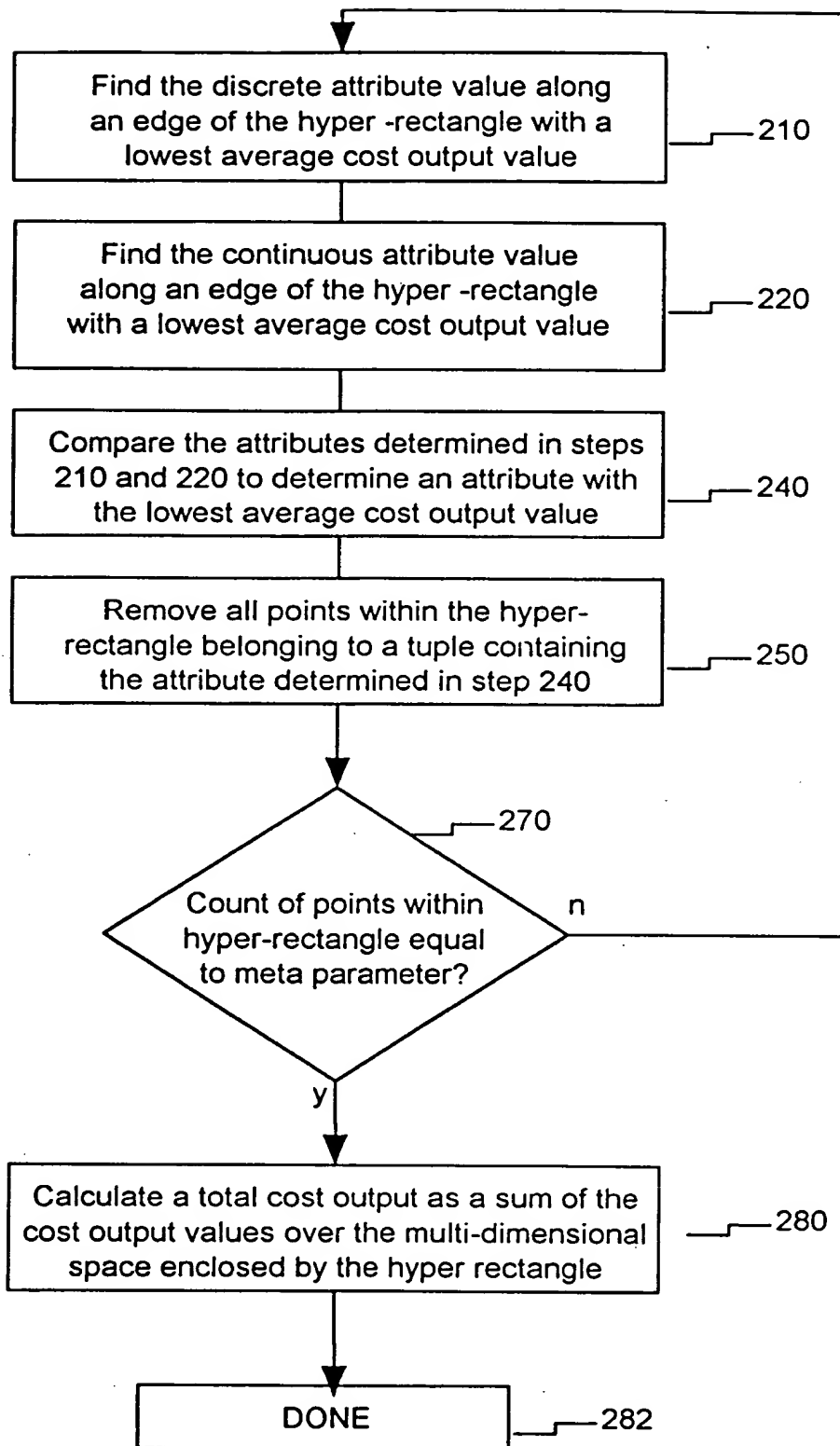


FIG. 6

220

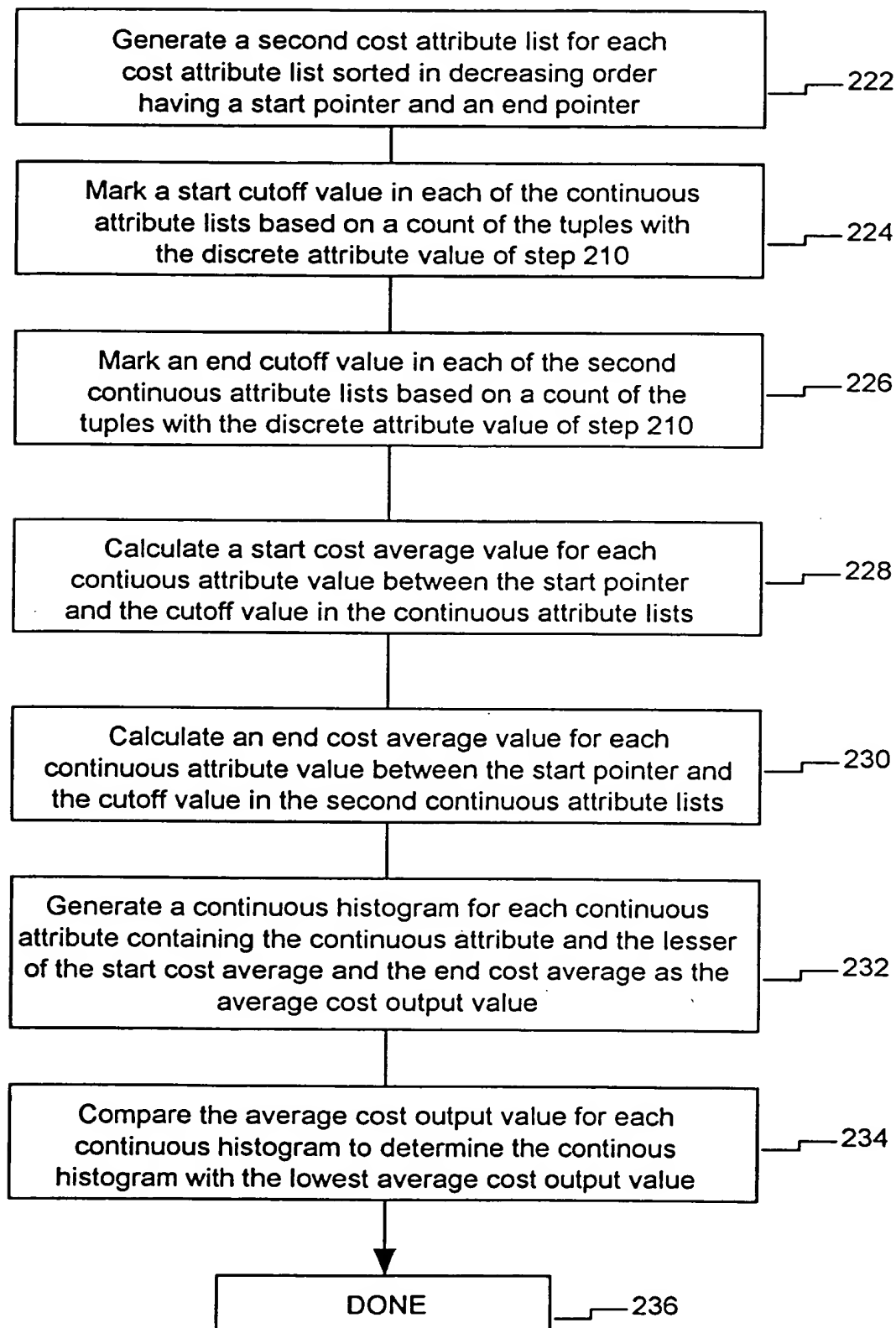


FIG. 7

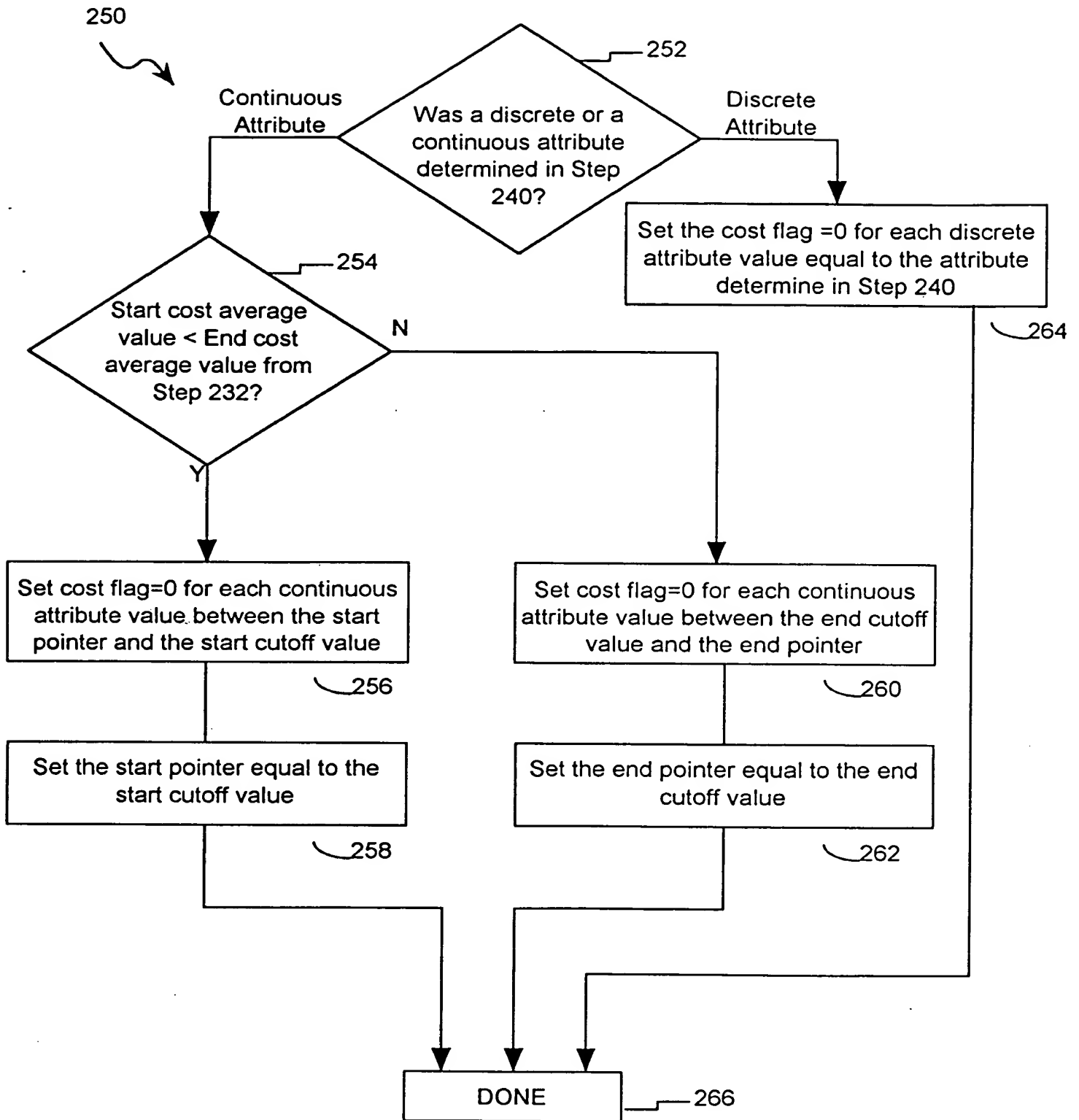


FIG. 8



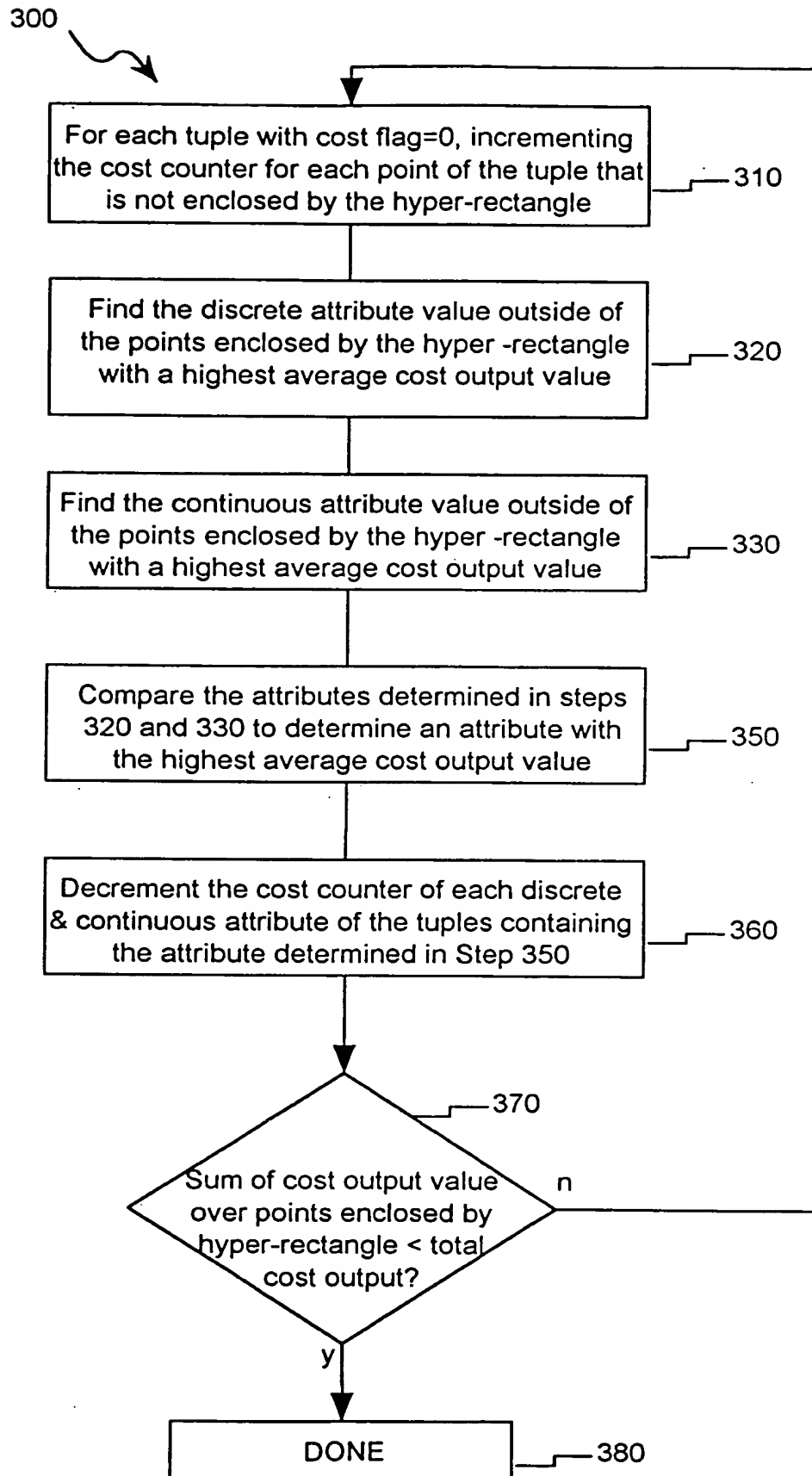


FIG. 9

330

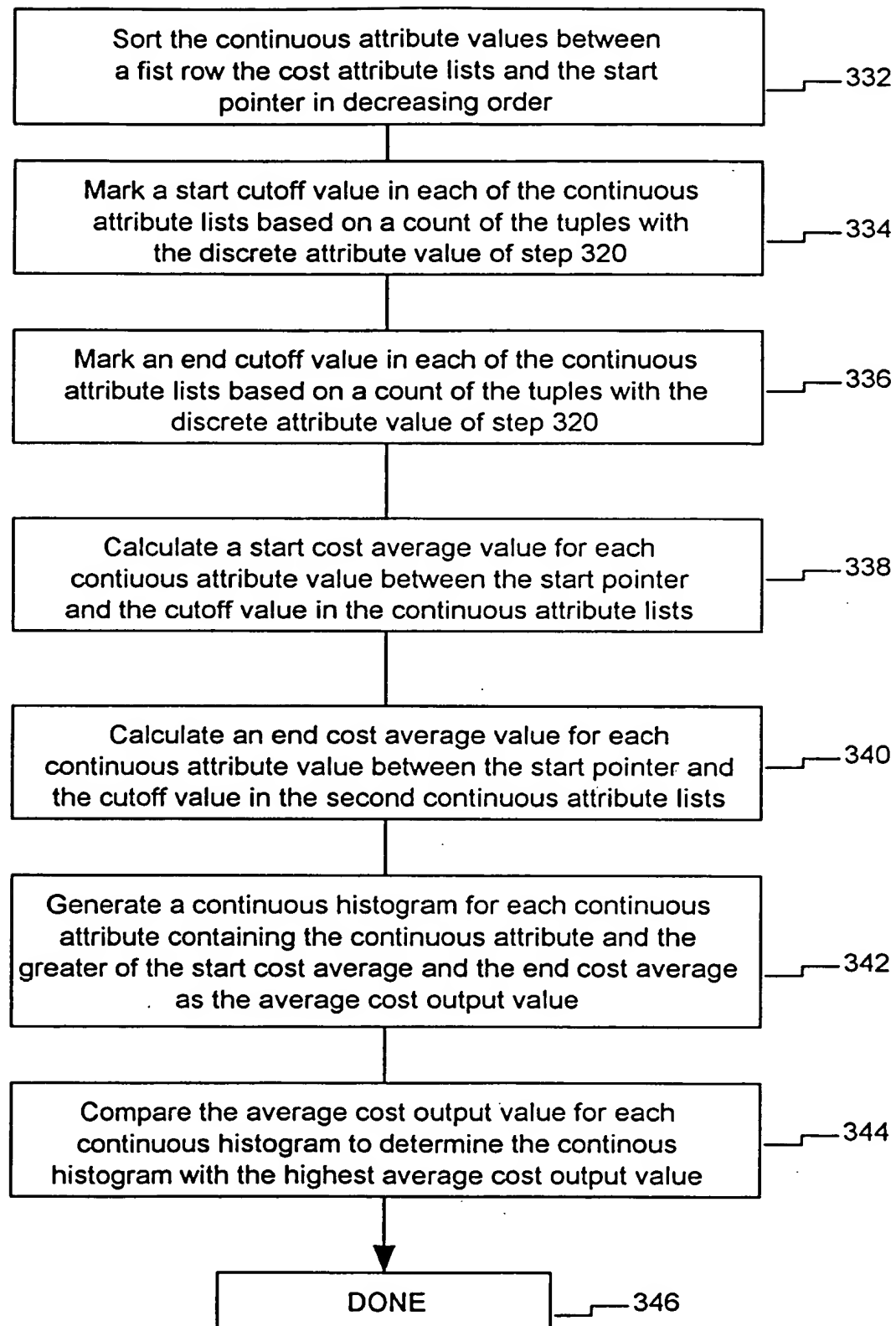


FIG. 10

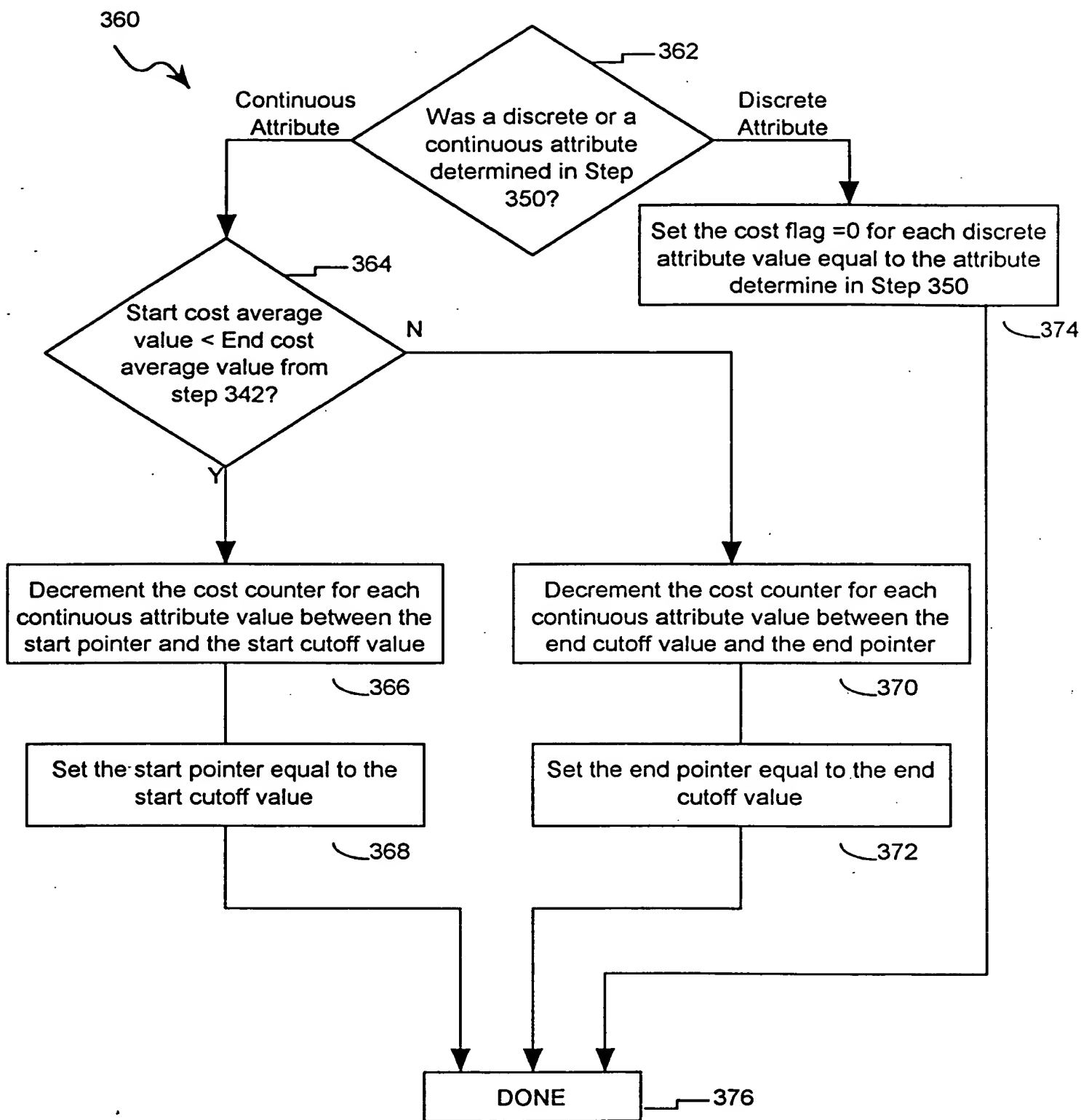


FIG. 11

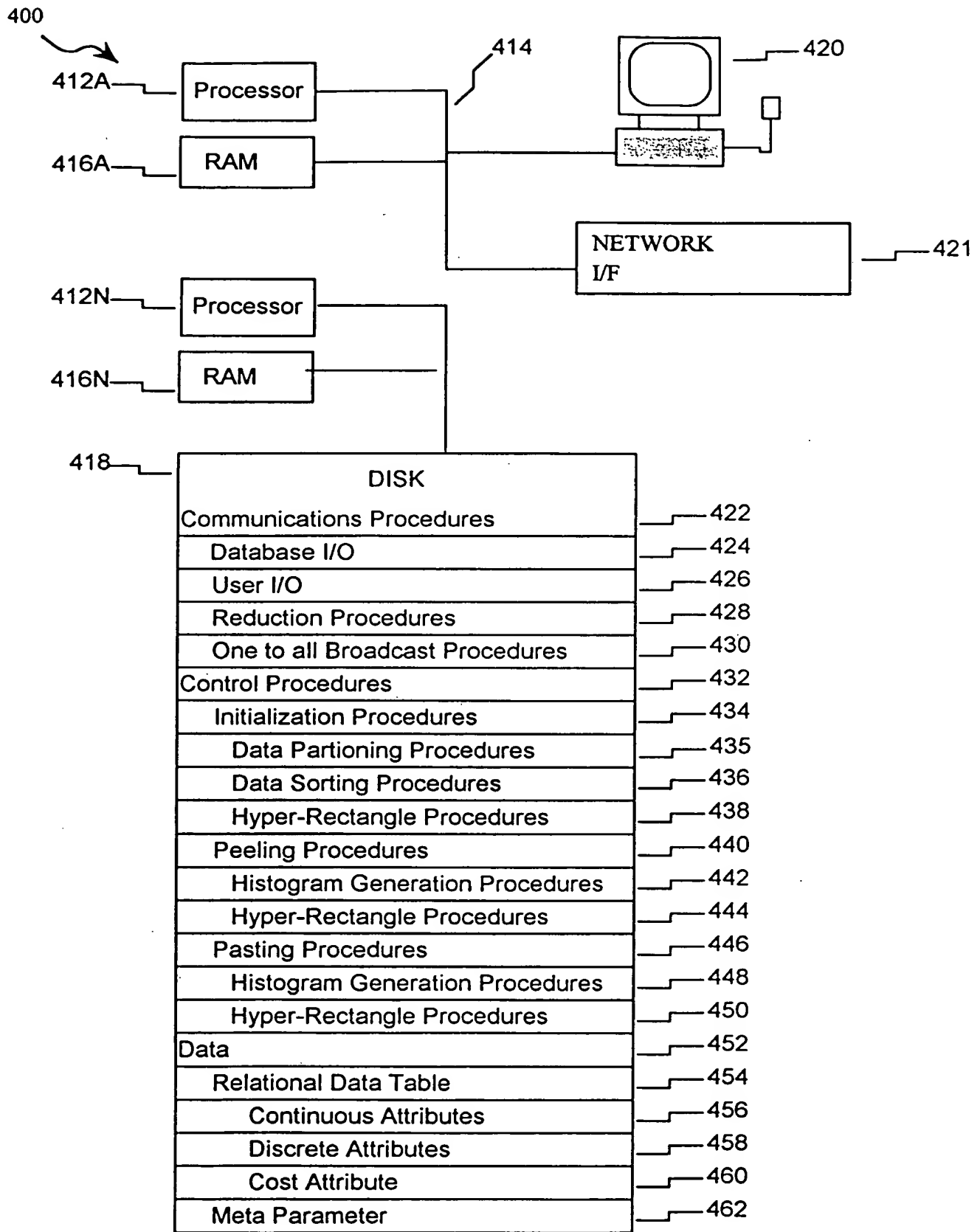


FIG. 12

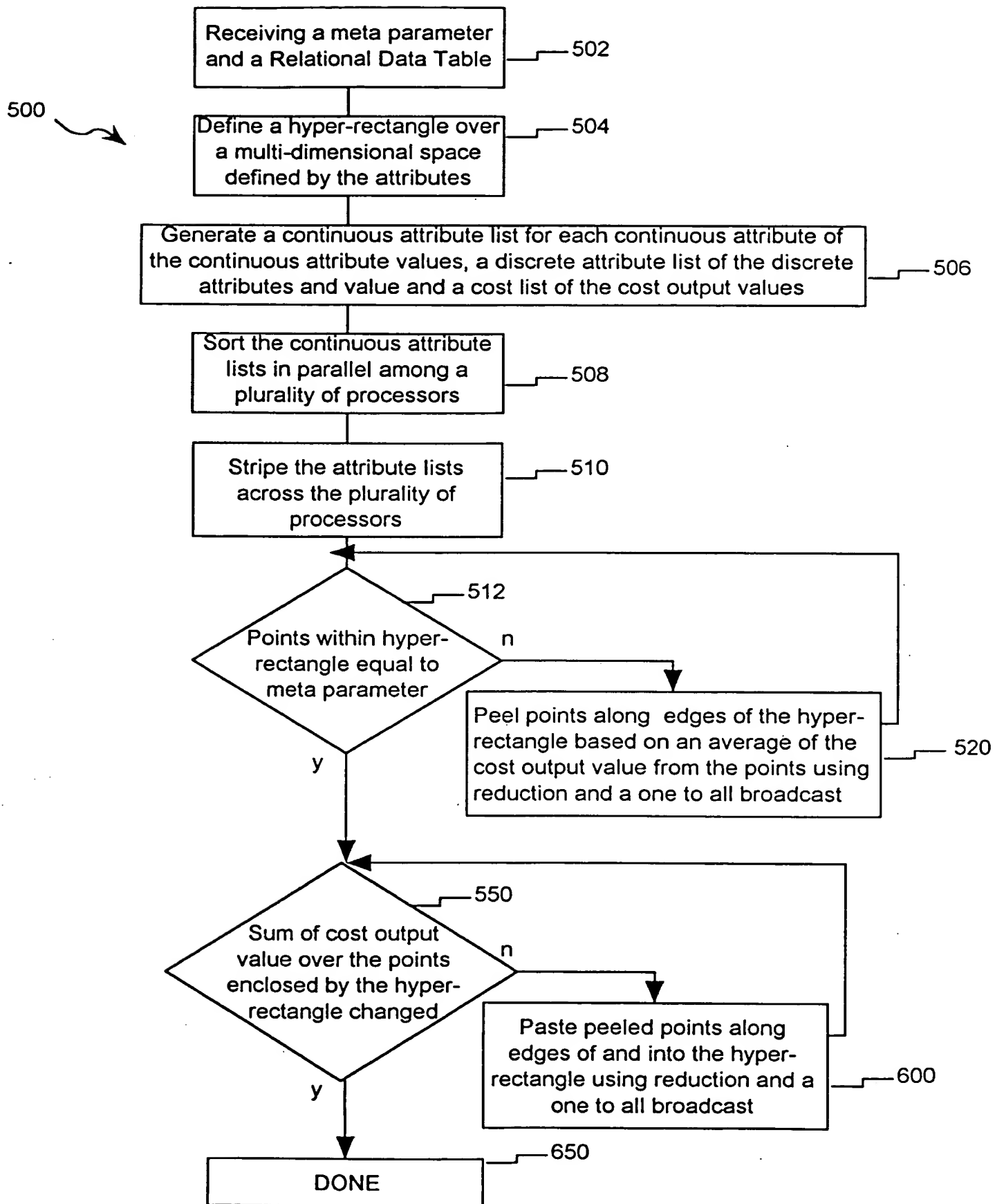


FIG. 13

1
2
•
•
•
•
19
20

Original sorted list

1
5
9
13
17

Processor 1

2
6
10
14
18

Processor 2

3
7
11
15
19

Processor 3

4
8
12
16
20

Processor 4

FIG. 14

520

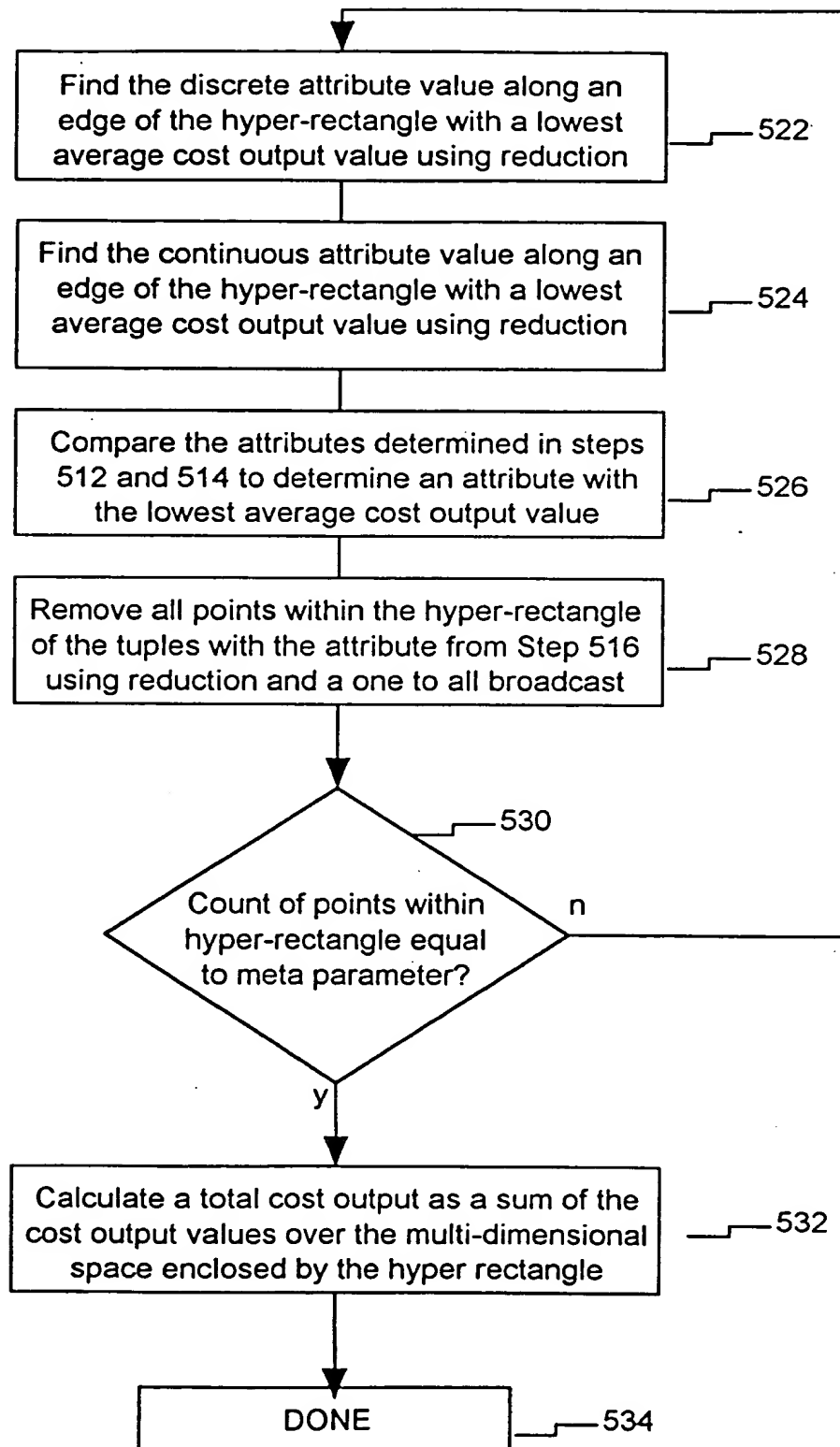


FIG. 15

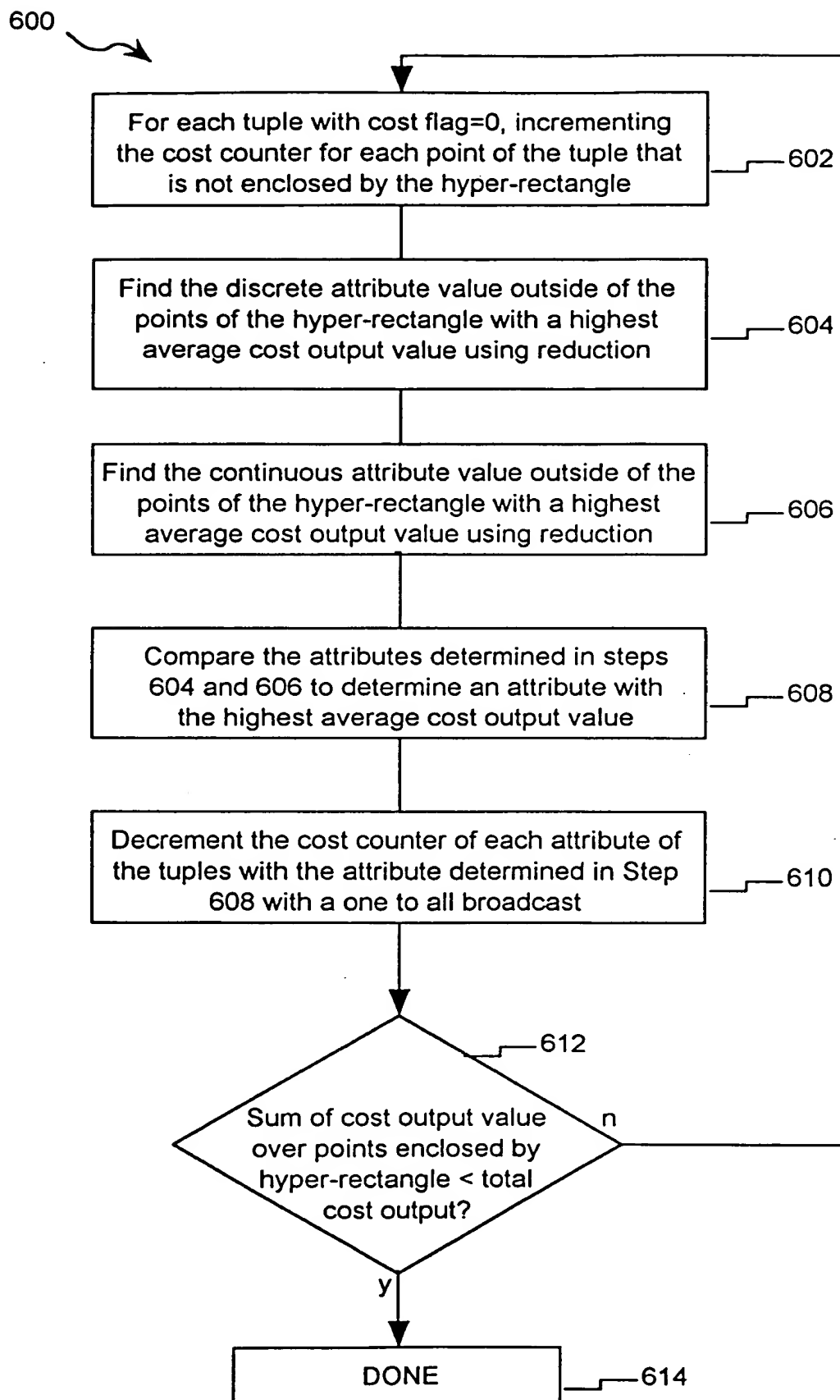


FIG. 16



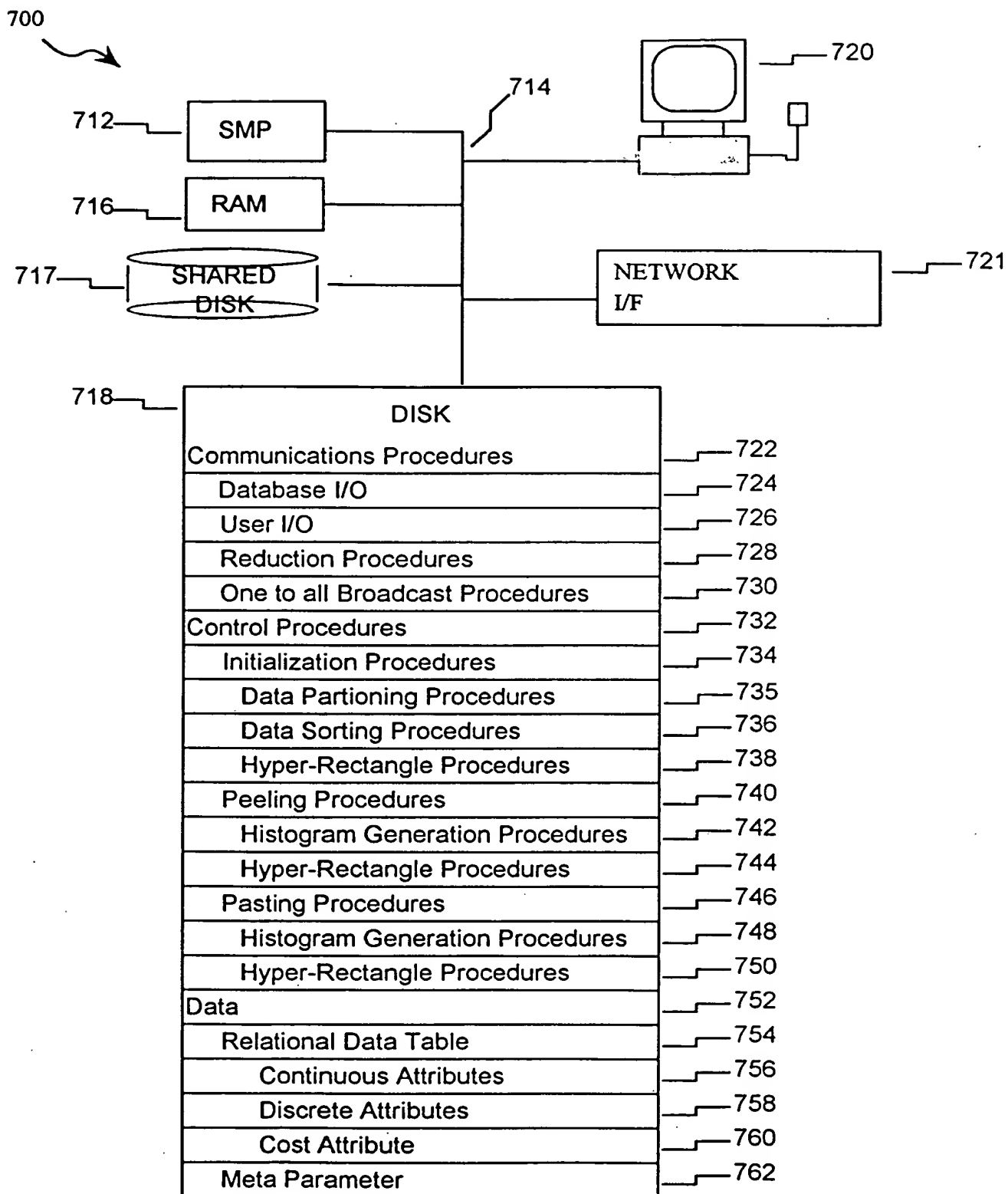


FIG. 17

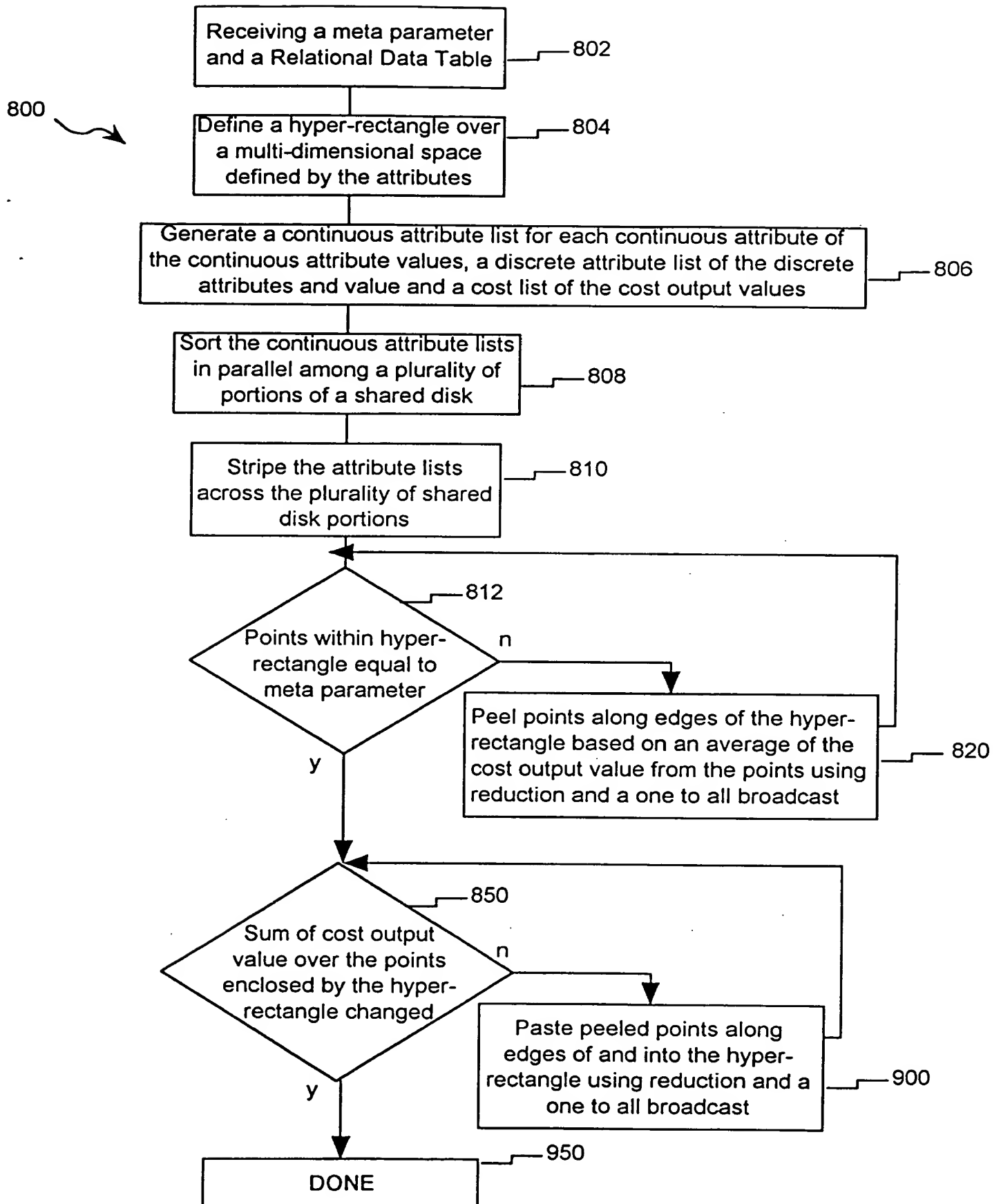


FIG. 18

820

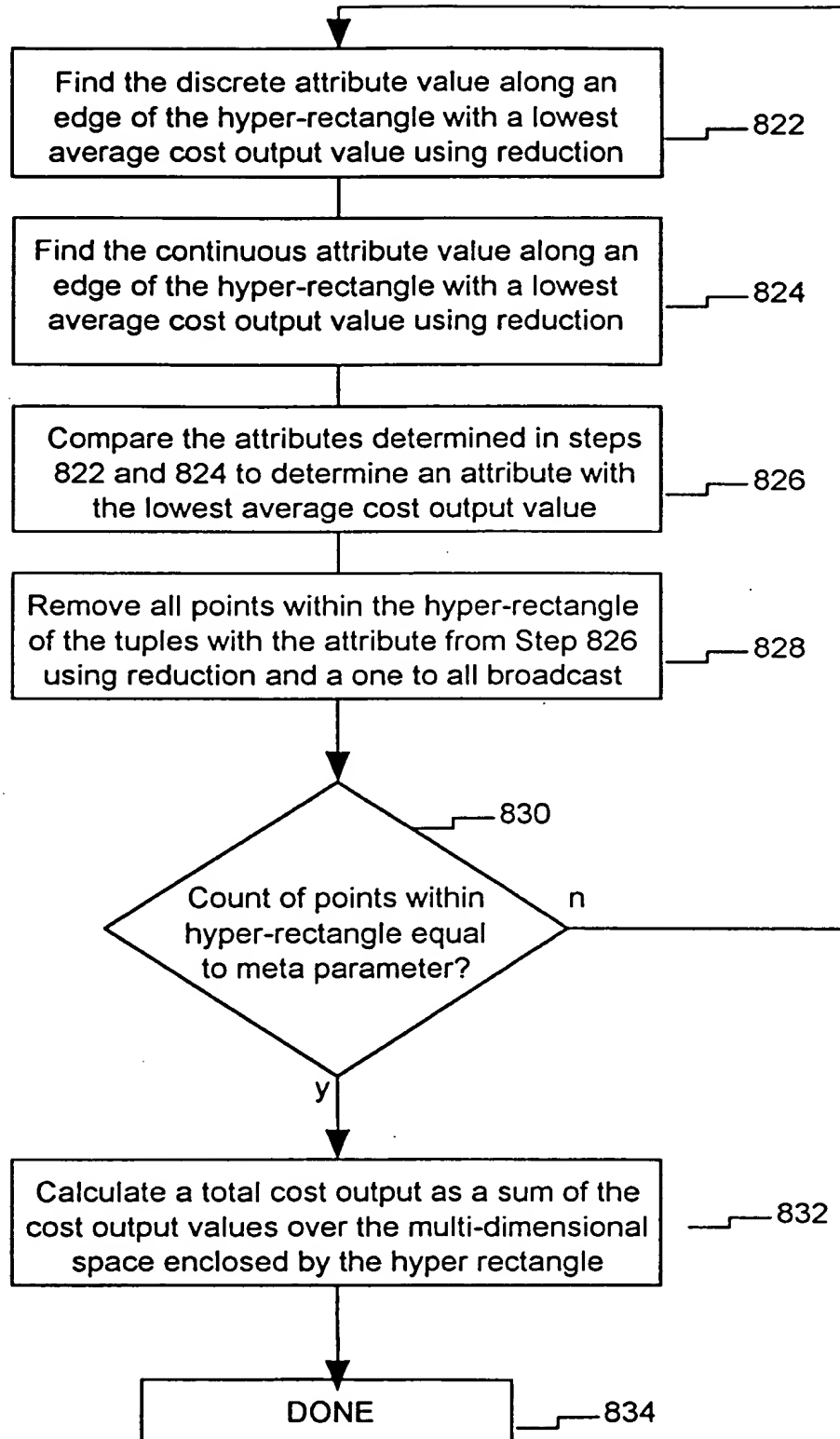


FIG. 19

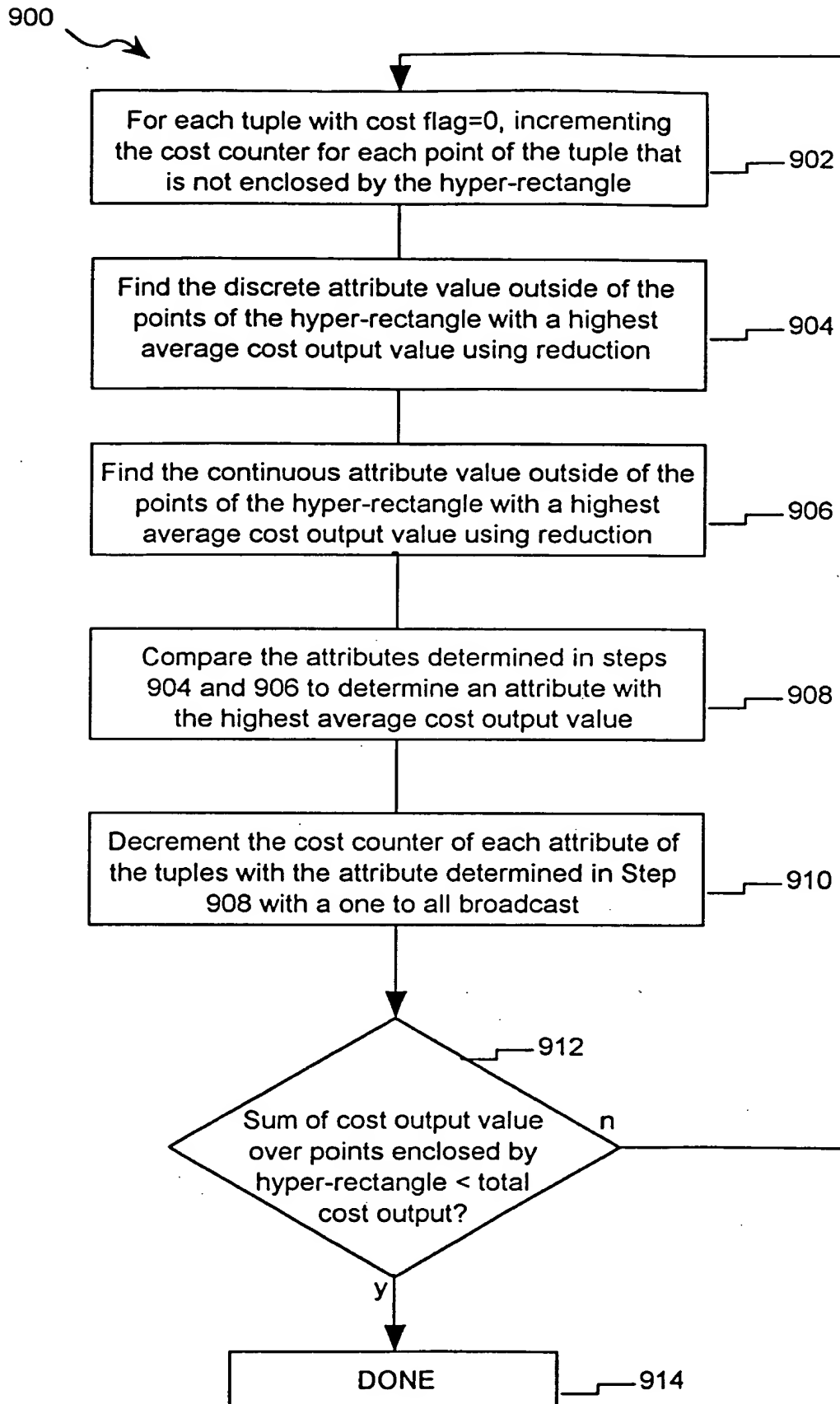


FIG. 20